

INTERNATIONAL SEARCH REPORT

Rec'd PCT/PTO

24 MAR 2005

International Application No.

PCT/EP 03/10658

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K47/48

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| Y | <p>VAN DEN BERG C L ET AL: "Polyethylene Glycol Conjugated Insulin-like Growth Factor Binding Protein-1 (IGFBP-1) Inhibits Growth of Breast Cancer in Athymic Mice" EUROPEAN JOURNAL OF CANCER, PERGAMON PRESS, OXFORD, GB, vol. 33, no. 7, June 1997 (1997-06), pages 1108-1113, XP004282806 ISSN: 0959-8049 cited in the application the whole document</p> <p style="text-align: center;">--- -/--</p> | 1-9 |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

1 March 2004

Date of mailing of the international search report

10/03/2004

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|--|-----------------------|
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| Y | <p>VERONESE F M: "Peptide and protein PEGylation - a review of problems and solutions" BIOMATERIALS, ELSEVIER SCIENCE PUBLISHERS BV., BARKING, GB, vol. 22, no. 5, 1 March 2001 (2001-03-01), pages 405-417, XP004227886 ISSN: 0142-9612 cited in the application the whole document</p> | 1-9 |
| A | <p>FRANCIS G E ET AL: "PEGYLATION OF CYTOKINES AND OTHER THERAPEUTIC PROTEINS AND PEPTIDES: THE IMPORTANCE OF BIOLOGICAL OPTIMISATION OF COUPLING TECHNIQUES" INTERNATIONAL JOURNAL OF HEMATOLOGY, ELSEVIER SCIENCE PUBLISHERS, NL, vol. 68, no. 1, July 1998 (1998-07), pages 1-18, XP000791226 ISSN: 0925-5710</p> | |